

CLAIMS

1. A muntin bar element adapted to be disposed between opposed panes of glass in a glazing unit; the muntin bar element comprising:

5 a body having opposed base walls separated by the height of the body; each base wall adapted to be disposed adjacent an interior surface of the glass panes;

the body defining at least one insulating cavity; the insulating cavity having a cross sectional area;

10 an adhesive disposed on at least one of the base walls; the adhesive adapted to connect the body to one of the opposed panes of glass;

the base wall having the adhesive defining a body width; and

the body having a cross sectional area; the cross sectional area of the body being larger than the cross sectional area of the insulating cavity.

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2. The muntin bar element of claim 1, wherein the body defines a longitudinal direction; the insulating cavity extending in the longitudinal direction.

20 3. The muntin bar element of claim 2, wherein the insulating cavity is continuous in the longitudinal direction.

4. The muntin bar element of claim 3, wherein the body defines a plurality of insulating cavities; each of the insulating cavities extending continuously in the longitudinal direction.
5. The muntin bar element of claim 4, wherein the insulating cavities are spaced from one another.
6. The muntin bar element of claim 5, wherein each insulating cavity has a width; the space between the insulating cavities being equal to or greater than the width of either insulating cavity.
7. The muntin bar element of claim 6, wherein the body is fabricated from a foam material.
8. The muntin bar element of claim 7, wherein the body includes a desiccant.
9. The muntin bar element of claim 1, wherein the body includes accommodating elements.
10. The muntin bar element of claim 9, wherein the accommodating elements are slits defined by the body; the slits extending inwardly from opposite sides of the body.

11. The muntin bar element of claim 9, wherein the accommodating elements include at least one corrugation.

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12. The muntin bar element of claim 11, wherein the accommodating elements include a plurality of corrugations.

13. The muntin bar element of claim 1, further comprising an adhesive disposed on the other of the base walls; the adhesive adapted to connect the body to the other of the opposed panes of glass.

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14. A muntin bar element adapted to be disposed between opposed panes of glass in a glazing unit; the muntin bar element comprising:

a body having opposed base walls separated by the height of the body; each base wall adapted to be disposed adjacent an interior surface of the glass panes;

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the body including an accommodating element that permits that height of the body to adjust with the distance between the opposed panes of glass in the glazing unit.

20 15. The muntin bar element of claim 14, further comprising:

an adhesive disposed on both base walls; the adhesive adapted to connect the base wall to the pane of glass.

16. The muntin bar element of claim 14, wherein the accommodating element is a slit defined by the body.

5 17. The muntin bar element of claim 14, wherein the accommodating

element includes at least one corrugation.

18. The muntin bar element of claim 17, wherein the accommodating element includes a plurality of corrugations.

10 19. The muntin bar element of claim 18, wherein the body defines a longitudinal cavity.

15 20. The muntin bar element of claim 19, wherein the corrugations allows the body to move between expanded and collapsed positions; the collapsed position of the body closing the longitudinal cavity.

21. The muntin bar element of claim 14, wherein the body defines a longitudinal cavity.

20 22. A spacer adapted to be disposed between opposed panes of glass in a glazing unit; the spacer comprising:
a body defining at least one closed insulating cavity.

23. The spacer of claim 22, wherein the body defines a longitudinal direction; the insulating cavity extending in the longitudinal direction.

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24. The spacer of claim 23, wherein the insulating cavity is continuous in the longitudinal direction.

25. The spacer of claim 24, wherein the body defines a plurality of insulating cavities; each of the insulating cavities extending continuously in the longitudinal direction.

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26. The spacer of claim 25, wherein each insulating cavity has a width; the space between the insulating cavities being equal to or greater than the width of either insulating cavity.

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27. The spacer of claim 26, wherein the body is fabricated from a foam material.

28. The spacer of claim 27, wherein the body includes a desiccant.

29. A muntin bar element adapted to be disposed between opposed panes
of glass in a glazing unit; the muntin bar element comprising:

a body having opposed base walls separated by the height of the
5 body; each base wall adapted to be disposed adjacent an interior surface of
the glass panes;

the body defining at least one insulating cavity;

an adhesive disposed on at least one of the base walls; the adhesive
adapted to connect the body to one of the opposed panes of glass; and

10 the base wall having the adhesive defining a body width; the body
width being greater than the body height.